

02-96 ALKYD VINYL SEGMENT PLATE

Composition

02-96 is a low bond Alkyd Vinyl resin bonded mica segment plate milled to IEC-371 thickness tolerances.

Application

This plate is specially suited to segment insulation in commutators of Traction motors. 02-96 is available in the form of sheets or punched segments, which can also be supplied stack gauged to ensure precise dimensional control on built up commutators.

Product Data

Properties	Unit	Value
Thermal Classification	K	428
Thickness range	mm	0.40 - 1.60
Thickness Tolerance	mm	Avg. - ± 0.025 , Individual - ± 0.050
Binder Content	%	03 - 05
Dielectric Strength	kV/mm	>22
Heat stability as per IEC 371-2-11; 573 K / 600 kg/cm ² / 30 minutes.		No exudation of binder & no mica displacement
Compressibility as per IEC 371-2-12 ; at 600 kg /cm ² pr.	%	At R.T- 3 max. At 473 K - 2 max.

Different Grades

Code No.	Mica Type	Binder Content, %
02-96-02	6 1 st Ruby / 6 DL Muscovite	3 – 5
02-96-03	6 1 st Amber (Phlogopyte)	5 – 7

Available size of sheets

1050 mm X 750 mm ± 10 mm

750 mm X 525 mm ± 10 mm